

Patent Abstracts of Japan

PUBLICATION NUMBER : 07213591  
PUBLICATION DATE : 15-08-95

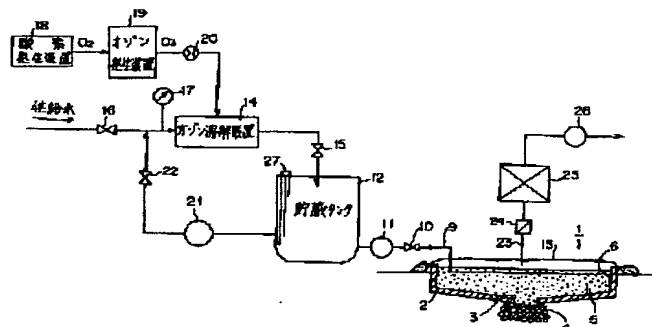
APPLICATION DATE : 02-02-94  
APPLICATION NUMBER : 06010907

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INT.CL. : A61L 2/18 A01M 1/00 A01M 17/00

TITLE : SAND PIT STERILIZATION



ABSTRACT : PURPOSE: To provide a method for an on-site sand pit sterilization and deodorizing with no necessity of sand replacement.

CONSTITUTION: A pipe body 6 with a number of small holes to sprinkle aqueous ozone solution is set and buried in the sand layer of a sand pit 1, the surface of the sand pit 1 is covered with a sheet body 13, an aqueous ozone solution is stored in a storing tank 12 and concentrated, and then the concentrated aqueous ozone solution is supplied to a pipe body 6 to infiltrate into the sand in the sand pit. Transportation of the aqueous ozone solution is repeatedly performed in an almost fixed interval for a designated time. When a time from ten minutes to an hour has passed, ozone left in the sand pit is exhausted through an activated carbon filter 25.

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